

Application Serial No: 10/507,064
Responsive to the Office Action mailed on: July 28, 2009

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IN THE CLAIMS

Amendments To The Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An information recognizing analyzer used with an analyzing article attached thereto, for analysis of a specific component in a sample liquid supplied to the analyzing article, comprising:

an information recognizer for recognition of information added to the analyzing article,

wherein the information recognizer includes an electro-physical-quantity variable part which has different electro-physical quantities in accordance with the information added to the analyzing article, upon attachment of the analyzing article, the electro-physical-quantity variable part comprising a variable capacitor.

2. (Original) The information recognizing analyzer according to claim 1, wherein the electro-physical-quantity variable part includes a pair of a first electrode and a second electrode in a relative positional relationship variable upon attachment of the analyzing article.

3. (Currently Amended) The information recognizing analyzer according to claim 2, wherein the first electrode and the second electrode have their distance between the two varied for varying the capacitance of the variable capacitor.

4. (Currently Amended) The information recognizing analyzer according to claim 3, wherein at least one of the first electrode and the second electrode in the information recognizer further includes a fixed elastic member,

the distance between the first electrode and the second electrode being varied by an elastic deformation of the elastic member for varying the capacitance of the variable

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capacitor.

5. (Currently Amended) The information recognizing analyzer according to claim 2, wherein the first electrode and the second electrode have their area of mutually opposed surfaces varied, for varying the capacitance of the variable capacitor.

6. (Currently Amended) The information recognizing analyzer according to claim 5, wherein at least one of the first electrode and the second electrode in the information recognizer moves upon attachment of the analyzing article, in a direction of insertion of the analyzing article, for varying the capacitance of the variable capacitor.

7. (Currently Amended) The information recognizing analyzer according to claim 1, wherein the information recognizer includes pairs of electrodes each provided by a first electrode and a second electrode in a relative positional relationship variable upon attachment of the analyzing article for varying the capacitance of the variable capacitor,
the information being recognized individually from each pair of electrodes.

8. (Original) The information recognizing analyzer according to claim 2, wherein the information recognizer further includes:
a capacity measurer for measurement of a capacity of a capacitor constituted by the first electrode and the second electrode; and
an information calculator for recognition of information added to the analyzing article, based upon a comparison between a result of measurement obtained by the capacity measurer and a predetermined threshold value.

9. (Currently Amended) ~~The information recognizing analyzer according to claim 1,~~
An information recognizing analyzer used with an analyzing article attached thereto, for analysis of a specific component in a sample liquid supplied to the analyzing article comprising:
an information recognizer for recognition of information added to the analyzing article,

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wherein the information recognizer includes an electro-physical-quantity variable part which has different electro-physical quantities in accordance with the information added to the analyzing article, upon attachment of the analyzing article, and

wherein the electro-physical-quantity variable part includes a pressure sensitive electric conductor having a variable volume to provide a resistance value variable upon attachment of the analyzing article.

10. ~~(Currently Amended) The information recognizing analyzer according to claim 1,~~
An information recognizing analyzer used with an analyzing article attached thereto, for analysis of a specific component in a sample liquid supplied to the analyzing article comprising:

an information recognizer for recognition of information added to the analyzing article,

wherein the information recognizer includes an electro-physical-quantity variable part which has different electro-physical quantities in accordance with the information added to the analyzing article, upon attachment of the analyzing article, and

wherein the electro-physical-quantity variable part includes a plurality of pressure sensitive electric conductors each having a variable volume to provide a resistance value variable upon attachment of the analyzing article,

the information being recognized individually from each pressure sensitive electric conductor.

11. (Original) The information recognizing analyzer according to claim 9, wherein the information recognizer further includes:

a resistance value measurer for measurement of a resistance value of the pressure sensitive electric conductor; and

an information calculator for recognition of information added to the analyzing article, based upon a comparison between a result of measurement obtained by the resistance value measurer and a predetermined threshold value.

12-13. (Cancelled)

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14. (Withdrawn) An analyzing article comprising an information carrier for giving information to an analyzer which includes an information recognizer for recognition of the information carried by the information carrier, the analyzing article being used as attached to the analyzer,
- the information recognizer including an electro-physical-quantity variable part having different electro-physical quantities upon attachment of the analyzing article,
- wherein the information carrier is provided by a projection or a hole related to the information to be recognized by the analyzer.
15. (Withdrawn) The analyzing article according to claim 14, formed essentially into a platy shape, the projection or the hole projecting or recessing in a direction generally perpendicular to a thickness direction of the analyzing article.
16. (Withdrawn) The analyzing article according to claim 14, formed essentially into a platy shape, the projection or the hole projecting or recessing in a thickness direction of the analyzing article.
17. (Withdrawn) The analyzing article according to claim 14, wherein the projection or the hole projects or recesses by an amount related to the information to be recognized by the analyzer.
18. (Withdrawn) The analyzing article according to claim 15, wherein the hole is provided by a through-hole.
- 19-20. (Cancelled)